

Product datasheet for **TP318858M**

HSPA14 (NM_016299) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heat shock 70kDa protein 14 (HSPA14), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218858 protein sequence Red =Cloning site Green =Tags(s)

MAAIGVHLGCTSACVAVYKDGRAGWVANDAGDRVTPAVVAYSENEEIVGLAAKQSRIRNISNTVMKVKQI
LGRSSSDPQAQKYIAESKCLVIEKNGKLRYEIDTGEETKFVNPEDVARLIFSKMKETAHSVLGSDANDVV
ITVPFDFGEKQKNALGEAARAAGFNVLRLLIHEPSAALLAYGIGQDSPTGKSNILVFKLGGTSLSLVMEV
NSGIYRVLSTNTDDNIGGAHFTETLAQYLASEFQRSFKHDVRGNARAMMMLTNSAEVAKHSLSTLGSANC
FLDSLIEGQDFDCNVSRRARFELLCSPLFNKCIEAIRGLLDQNGFTADDINKVVLCCGSSRIPKLQQLIKD
LFAVELLNSIPPDEVIPIGAAIEAGILIGKENLLVEDSLMIECSARDILVKGVDSESGASRFTVLFPSGT
PLPARRQHTLQAPGSISSVCLELYESDGKNSAKEETKFAQVVLQDLDDKENGRLDILAVLTMKRDGSLHV
TCTDQETGKCEAISIEIAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	54.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057383
Locus ID:	51182
UniProt ID:	Q0VDF9
RefSeq Size:	1921
Cytogenetics:	10p13
RefSeq ORF:	1527
Synonyms:	HSP70-4; HSP70L1
Summary:	Component of the ribosome-associated complex (RAC), a complex involved in folding or maintaining nascent polypeptides in a folding-competent state. In the RAC complex, binds to the nascent polypeptide chain, while DNAJC2 stimulates its ATPase activity.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Stem cell - Pluripotency

Product images:

Coomassie blue staining of purified HSPA14 protein (Cat# [TP318858]). The protein was produced from HEK293T cells transfected with HSPA14 cDNA clone (Cat# [RC218858]) using MegaTran 2.0 (Cat# [TT210002]).